

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S43	1	"6667780".pn.	US-PGPUB; USPAT	OR	ON	2006/07/12 10:11
S44	1	"5583681".pn.	US-PGPUB; USPAT	OR	ON	2006/07/12 10:12
S45	11	("4682084"   "4709188"   "5121032"   "5182660"   "5504605"   "5754012"   "5789870").PN. OR ("6181071").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 12:17
S46	34	("4755035"   "4772100"   "4789224"   "4878738").PN. OR ("5182660").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 12:18
S47	39	(US-20050242693-\$ or US-20050269931-\$ or US-20030223215-\$ or US-20030058380-\$ or US-20020186333-\$).did. or (US-6971780-\$ or US-6667780-\$ or US-5990989-\$ or US-6854856-\$ or US-6914646-\$ or US-6933990-\$ or US-6950154-\$ or US-6693682-\$ or US-5555654-\$ or US-6847417-\$ or US-5729310-\$ or US-5742366-\$ or US-5143433-\$ or US-6894757-\$ or US-6593980-\$ or US-6473146-\$ or US-5299038-\$ or US-6871979-\$ or US-6181071-\$ or US-5982090-\$ or US-4862613-\$ or US-5583681-\$ or US-6295105-\$ or US-5815227-\$ or US-5463481-\$ or US-5146354-\$). did. or (US-6304308-\$ or US-5182660-\$ or US-5406399-\$ or US-5442470-\$ or US-5654779-\$). did. or (US-20030223249-\$ or JP-2005032723-\$ or US-20050099806-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/12 12:33
S48	26	S47 and holes	US-PGPUB; USPAT	OR	ON	2006/07/12 12:34
S49	11	S47 and holes and shield	US-PGPUB; USPAT	OR	ON	2006/07/12 12:34
S50	934	hole near5 shield and hole near5(hous\$4 or fram\$4)	US-PGPUB; USPAT	OR	ON	2006/07/12 12:46
S51	3	hole near5 shield and hole near5(hous\$4 or fram\$4) and (light?guide or lightguide)	US-PGPUB; USPAT	OR	ON	2006/07/12 12:47
S52	89	hole near5 shield and hole near5(hous\$4 or fram\$4) and (crystal)	US-PGPUB; USPAT	OR	ON	2006/07/12 12:52

## EAST Search History

S53	130	349/60.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/12 12:53
S54	34	("4755035"   "4772100"   "4789224"   "4878738").PN. OR ("5182660"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 12:55
S55	33	("20020130985"   "20020135572"   "20030164914"   "3925690"   "4090189"   "4118111"   "4160934"   "4909604"   "4959642"   "5105179"   "5359691"   "5390276"   "5422756"   "5528720"   "5751388"   "5828488"   "5889568"   "5924784"   "6069448"   "6069449"   "6084519"   "6107985"   "6124971"   "6130700"   "6147723"   "6150771"   "6342932"   "6351079"   "6359668"   "6411046"   "6448951"   "6473469"   "6497946").PN. OR ("6930737"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 14:56
S56	1	"6930737".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 15:16
S57	9	((CHUN-HYUN) near2 (CHO)).INV.	US-PGPUB; USPAT	OR	ON	2006/07/12 15:14
S58	1	"6667780".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 15:16
S59	9	("5046826"   "5128781"   "5202950"   "5659410"   "5664873"   "5704703"   "6241358"   "6334690").PN. OR ("6580477"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 15:18
S60	22	("4196581"   "4229783"   "4285029"   "4560264"   "4659183"   "4714983"   "4799771"   "4826294"   "4909604"   "4914553"   "4933814"   "4998804"   "5046826").PN. OR ("5128781"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 15:28
S61	30	((PAUL) near2 (WEINDORF)).INV.	US-PGPUB; USPAT	OR	ON	2006/07/12 15:26
S62	5	((ADAM) near2 (ZYSNARSKI)).INV.	US-PGPUB; USPAT	OR	ON	2006/07/12 15:27
S63	251	362/632-634.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 15:56

## EAST Search History

S64	1	"5990989".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 16:07
S65	1	"5182660".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 16:07
S66	34	("4755035"   "4772100"   "4789224"   "4878738").PN. OR ("5182660"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 16:10
S67	50	(US-20050242693-\$ or US-20050269931-\$ or US-20030223215-\$ or US-20030058380-\$ or US-20020186333-\$ or US-20020154255-\$).did. or (US-6971780-\$ or US-6667780-\$ or US-5990989-\$ or US-6854856-\$ or US-6914646-\$ or US-6933990-\$ or US-6950154-\$ or US-6693682-\$ or US-5555654-\$ or US-6847417-\$ or US-5729310-\$ or US-5742366-\$ or US-5143433-\$ or US-6894757-\$ or US-6593980-\$ or US-6473146-\$ or US-5299038-\$ or US-6871979-\$ or US-6181071-\$ or US-5982090-\$ or US-4862613-\$ or US-5583681-\$ or US-6295105-\$ or US-5815227-\$ or US-5463481-\$ or US-5146354-\$). did. or (US-6304308-\$ or US-5182660-\$ or US-5406399-\$ or US-5442470-\$ or US-5654779-\$ or US-6147724-\$ or US-6388722-\$ or US-4183629-\$ or US-5002368-\$ or US-6573956-\$ or US-6930737-\$ or US-6580477-\$ or US-5046826-\$ or US-4909604-\$ or US-5211464-\$). did. or (US-20030223249-\$ or JP-2005032723-\$ or US-20050099806-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/12 16:58
S68	15	S67 and shield	US-PGPUB; USPAT	OR	ON	2006/07/12 16:58
S69	71	("4042294"   "4118111"   "4929062"   "4958911"   "5046826"   "5050946"   "5064276").PN. OR ("5146354").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 17:00
S70	24	S69 and shield	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 17:01
S71	4	S69 and shield near5 heat	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 17:01

## EAST Search History

S72	453	liquid adj crystal and shield near5 heat	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 17:02
S73	8	liquid adj crystal and shield near5 heat near layer	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 17:02
S74	9	liquid adj crystal and shield near5 heat near (hous\$4 or fram\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 17:17
S75	32	liquid adj crystal and shield near5 heat and (light?guide or (light adj guide))	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/12 17:03